

# Fact Sheet

## Energy Awareness Tool: Animal Housing

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### Description

This web-based tool helps users evaluate energy savings potential associated with dairy, poultry, and swine housing operations. The tool evaluates energy costs as well as lighting, heating and ventilation systems, and dairy system milk pumping and cooling.

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### Uses

The animal housing tool can help producers identify some of the major sources of potential energy savings in animal housing operations and estimate the magnitude of savings associated with specific aspects of an operation such as lighting, heating, and ventilation in milking operations.

### Features

To run the program, you need your zip code, the number and type of animals, the quantity of milk produced (for dairies), the source of energy used for heating, and a per-unit cost of electricity and/or heating fuel. In addition, you must answer a few questions about your lighting, heating, ventilation, and milk pumping/cooling systems and your maintenance schedule. The tool provides a summary of energy used in your current animal housing system along with a series of recommended options and the expected energy savings you could receive from each option.

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